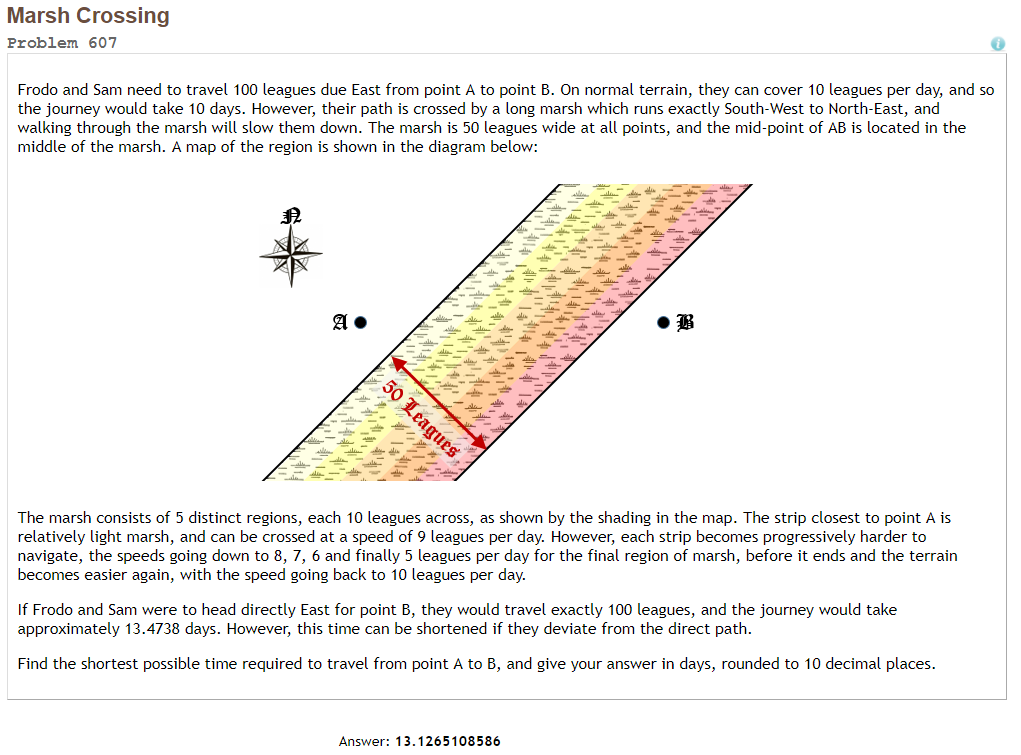
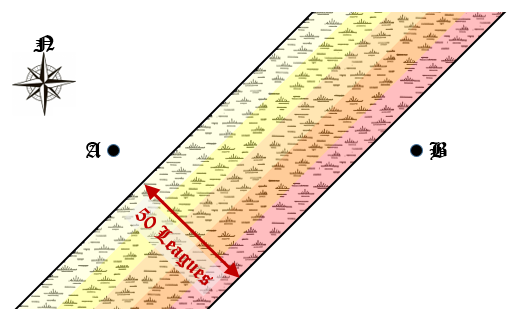
Project Euler #607





100 leagues

leagues

leagues

Let  be the entrance angle to the  region.  
 be the horizontal distance of each region,  
and  the speed on each region.

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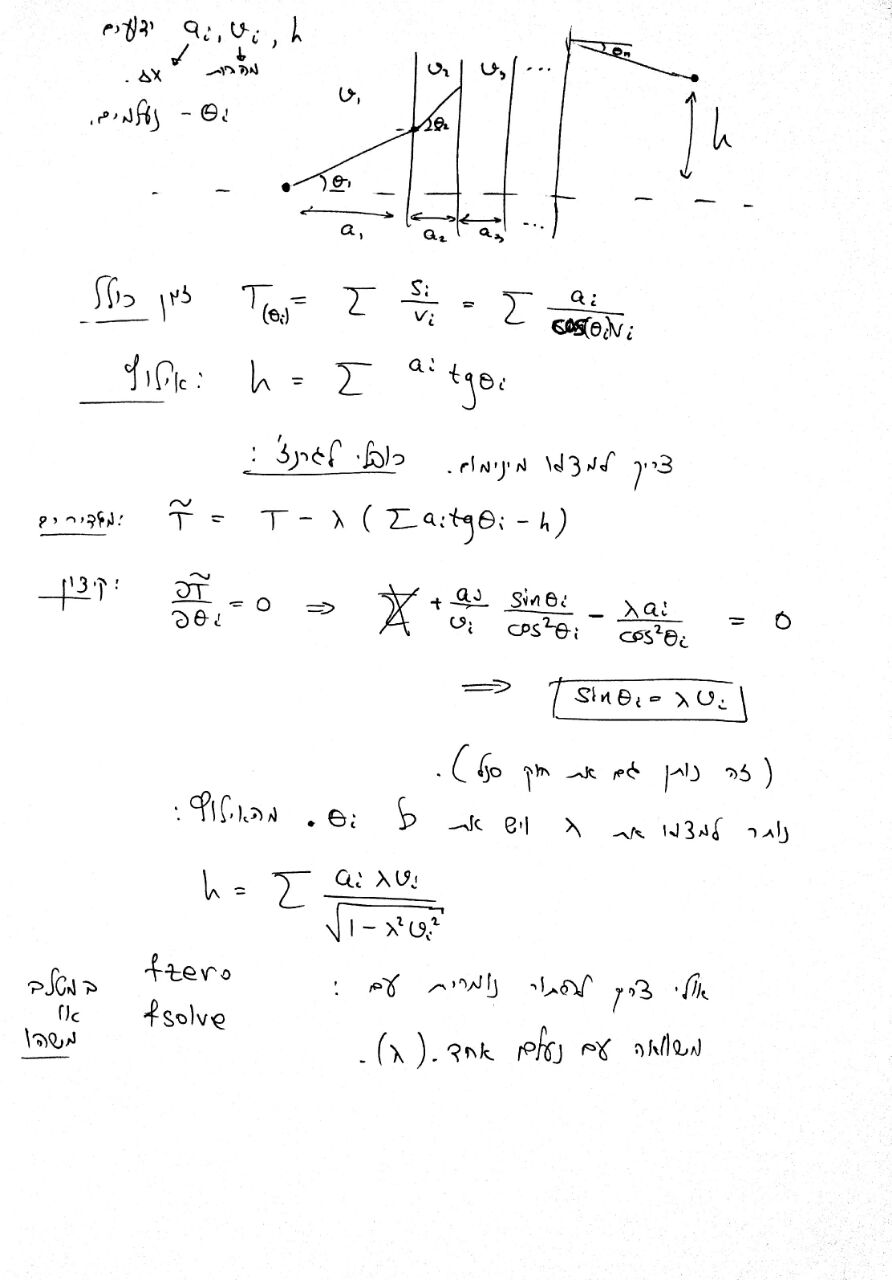
Using “Lagrange Multipliers”:







Using “fsolve” to find  (from equation ),  
and then using equation  to find the minimal time.

Solution of Hillel Sanhedrai